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## PATENT APPLICATION

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### Supply and drive means for a plasma panel using transformers

#### ABSTRACT

With the plasma panel (1) being provided with arrays (Y, Y') of sustain electrodes, these means comprise:

- at least one transformer ( $T_g$ ) each comprising a primary circuit ( $P_g$ ) and a plurality of secondary circuits ( $S_{gi}$ ) intended to supply, without an intermediate switch, the sustain electrodes of the panel;

- a sustain pulse generator and means for connecting this generator to the primary circuit(s) ( $P_g$ ) of the transformer(s) ( $T_g$ ) which are designed so that the inductances of the transformer(s) ( $T_g$ ) cooperate so as to recover and re-inject the capacitive energy between these sustain electrodes, preferably without any other specific inductance in the circuit.

These means are particularly inexpensive.

Figure 4.